



Operating Instructions  
Before operating the unit, please read this manual and “User’s Guide/Troubleshooting” (separate volume) thoroughly, and retain them for future reference.



**Checking the accessories supplied**

- R6 (size AA) alkaline batteries (2)  
Caution: Do not charge the batteries.
- USB cable (1)
- Wrist strap (1)
- CD-ROM (Cyber-shot application software) (1)
- Operating instructions: “Read This First” (this manual) (1)
- Operating instructions: “User’s Guide/Troubleshooting” (1)

**A “Memory Stick Duo” is not supplied.**

The camera has its own internal memory (32 MB), however, purchase of a “Memory Stick Duo” is recommended for shooting more images.

**“Memory Stick Duo”: you can use a “Memory Stick Duo” with your camera.**

**“Memory Stick”: you cannot use a “Memory Stick” with your camera.**

**Other memory cards cannot be used.**

- For details on “Memory Stick Duo” → “User’s Guide/Troubleshooting” (page 90)

**Notes**

- The LCD screen is manufactured using extremely high-precision technology so over 99.99% of the pixels are operational for effective use. However, there may be some tiny black points and/or bright points (white, red, blue or green in color) that constantly appear on the LCD screen. These points are normal in the manufacturing process and do not affect the recording in any way.
- The camera is a precision instrument. Be careful not to bump the lens or the LCD screen, and not to apply force to it. Attach the strap to prevent the camera from damage by being dropped, etc.

Additional information on this product and answers to frequently asked questions can be found at our Customer Support Website.

# 1 Prepare the batteries

**Insert the batteries.**

While pressing OPEN, open the cover.

Match and insert.

Close the cover.

# 2 Turn the camera on/set the clock

**1 Select .**

**2 Press POWER.**

**3 Set the clock with the control button.**

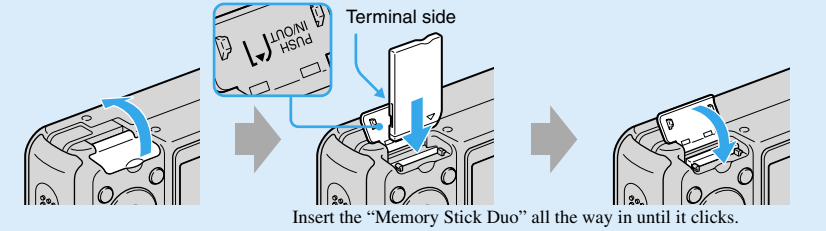
1 Select the date display format with , then press .

2 Select each item with and set the numeric value with , then press .

3 Select [OK] with , then press .

- To cancel, select [Cancel] and press .

# 3 Insert a “Memory Stick Duo” (not supplied)



**When there is no “Memory Stick Duo” inserted**  
The camera records/plays back images using the internal memory (32 MB). → “User’s Guide/Troubleshooting” (page 22)

# 4 Select the image size for use

**1 Select a mode.**

**Still image:**

**Movie:**

**2 Press / .**

**3 Select the size with .**

- The screen above is for still images.
- For movies, select [640(Fine)] (“Memory Stick PRO Duo” only), [640(Standard)] or [160].
- The recordable number of still images or the recordable time of movies is indicated at the right side of [Image Size].

**4 Press / to complete the setting.**

## Using alkaline batteries

Read “On alkaline batteries (supplied)/Oxy Nickel Primary Battery (not supplied)” carefully. → “User’s Guide/Troubleshooting” (page 92)

## Using batteries other than the supplied ones

You can use HR 15/51:HR6 (size AA) Nickel-Metal Hydride batteries/ZR6 (size AA) Oxy Nickel Primary Battery. → “User’s Guide/Troubleshooting” (page 92)

- Nickel-Metal Hydride batteries can be charged repeatedly for use.

## Using the AC Adaptor

You can connect the camera to a wall outlet (wall socket) using the AC-LS5K AC Adaptor (not supplied) → “User’s Guide/Troubleshooting” (page 15). Refer to the operating instructions supplied with the AC Adaptor.

## Checking the remaining battery level

Press POWER to turn on and check the time on the LCD screen.

Battery remaining indicator				
Battery remaining guidelines	Sufficient power remaining	Battery half full	Battery low, recording/playback will stop soon.	Replace the batteries with new ones, or fully charged Nickel-Metal Hydride batteries. (The warning indicator flashes.)

- The displayed time remaining may not be correct under certain circumstances.
- When using alkaline batteries/Oxy Nickel Primary Battery, the battery remaining indicator may not display the correct information.
- When the AC Adaptor (not supplied) is used, the battery remaining indicator is not displayed.

## To remove the batteries

Hold the camera with the battery cover facing upward, then open the battery cover and remove the batteries. Be careful not to drop the batteries.

## To change the date and time

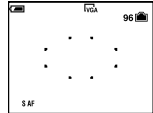
Select [Clock Set] in the (Setup) screen and perform the procedure in step 3 above. → “User’s Guide/Troubleshooting” (pages 42 and 51)

## On the clock display

- Midnight is indicated as 12:00 AM, and noon as 12:00 PM.
- If you selected [D/M/Y] in step 1, set the time on a 24-hour cycle.

## When turning on the power

- Unless you set the clock, the Clock Set screen appears each time the camera is turned on.
- Do not touch the lens portion as the cover opens and the lens portion extends. Also, do not leave the camera with the lens portion extended for a long period of time with the power off as this may cause malfunction.
- The following screen appears when the camera is turned on for the second time or afterwards.



## To turn off the power

- Press POWER again.
- If the camera is running on battery power and you do not operate the camera for about three minutes, the camera turns off automatically to prevent wearing down the battery (Auto power-off function).

## Changing the language setting

You can change the screen display to show messages in a specified language. To change the language setting, press MENU to display the menu screen. Select (Setup) with the control button, then, select [A Language] in (Setup 1), and select the desired language. → “User’s Guide/Troubleshooting” (page 49)

## On still image sizes

For details on the image size → “User’s Guide/Troubleshooting” (page 12)

The default settings are marked with .

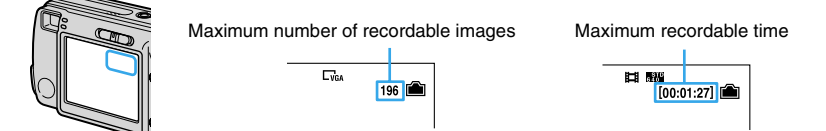
	Image size	Usage guidelines	No. of images	Printing
	6M (2816×2112)	For printing in A4 size or high density images in A5 size	Less	Fine
	3:2* (2816×1872)			
	3M (2048×1536)			
	2M (1632×1224)	For printing in postcard size		
	VGA(E-Mail) (640×480)	For recording a larger number of images For attaching images to e-mail or creating web pages	More	Rough
	16:9(HDTV)** (1920×1080)	For viewing images on a wide TV or Hi-Vision compatible TV***		

\* Images are recorded in the same 3:2 aspect ratio as photograph printing paper or postcards, etc.  
\*\* Both edges of the image may be cut off when printing. → “User’s Guide/Troubleshooting” (page 84)  
\*\*\* You can enjoy even higher picture quality by connecting the camera via a “Memory Stick” slot or a USB connection.

## On the recordable number of still images and recordable time of movies

Recordable number of still images and recordable time of movies vary depending on the image size selected.

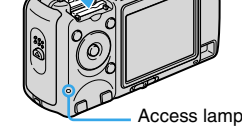
For details on recordable number or time → “User’s Guide/Troubleshooting” (page 21)



- The number of recordable images and time can differ according to shooting conditions.

## To remove a “Memory Stick Duo”

Open the “Memory Stick Duo” cover, then push the “Memory Stick Duo” in once.

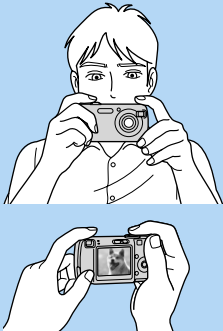


## When the access lamp is lit

Never open the battery cover/“Memory Stick Duo” cover or turn off the power. The data may be corrupted.

# 5 Shoot images easily (Auto adjustment mode)



Holding the camera



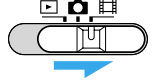

Position the subject in the center of the focus frame.

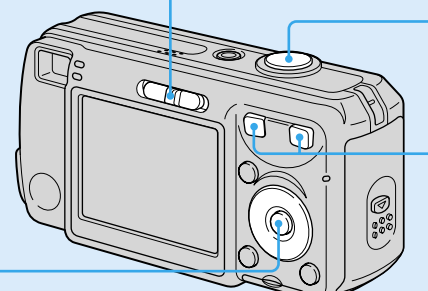
1 Select a mode.

Still image (auto adjustment mode):

 Select 

Movie:

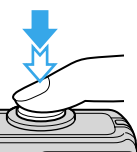
 Select 



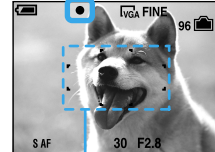
2 Shoot with the shutter button.

Still image:

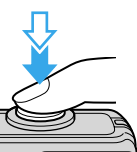
Press and hold the shutter button halfway down to focus.



AE/AF lock  
Flashing → lit/beeps

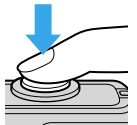



Press the shutter button fully down.  
The shutter sounds.



Movie:

Press the shutter button fully down.






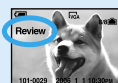
To stop recording, press the shutter button fully down again.


## Using the control button

Using the flash for still images




Checking the last image you shot (Quick Review)






Using the self-timer




Selecting the metering mode




## Using the zoom


Zoom button

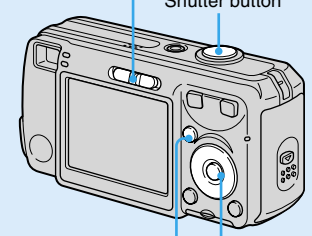


- When the zoom scale exceeds 3x, the camera uses the Digital Zoom function. For details on the [Digital Zoom] settings and the image quality → “*User's Guide/Troubleshooting*” (page 43)
- You cannot change the zoom scale while shooting a movie.


# Shoot still images (Scene Selection)

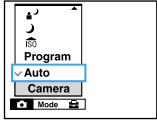
1 Select 



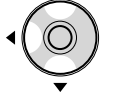


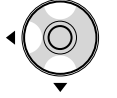


2 Press MENU.






3 Select  (Camera) with , then select a mode with .

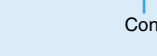


- For details on modes, see below.
- The setting is maintained even when the power is turned off.


4 Press MENU to turn off the menu.




5 Shoot with the shutter button.




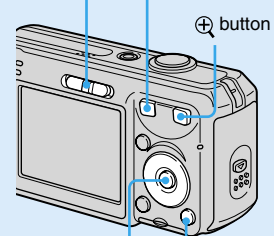
## To cancel the Scene Selection


Select [Auto] or [Program] with .


# 6 View/delete images


1 Select 






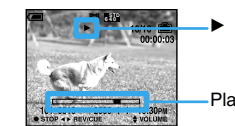
2 Select an image with .




Still image: the image size is displayed  
Movie:  is displayed


Movie:


To play back a movie, press .




Playback bar

Rewind/Fast forward: .





(Return to normal playback: .



Volume: .

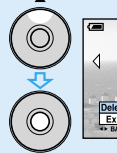
Stop playback: .

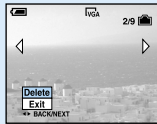
- Movies with the image size [160] are displayed a size smaller.

## To delete images


- Display the image you want to delete and press  /  (Delete).
- Select [Delete] with , then press .

 / 











To cancel the deletion

Select [Exit], then press .


## Checking the last still image you shot (Quick Review)

Press  (Q) on the control button.


To cancel, press  again.

- The image may appear rough right after playback starts.
- To delete the image, press  /  (Delete) and select [Delete] with  on the control button, then press .


## Selecting a flash mode for still images

Before step 2, press  (F) on the control button repeatedly until the desired mode is selected.


No indicator




Strobes if it is dark or against light (default setting)



Flash forced on



Slow synchro (Forced flash)  
The shutter speed is slow in a dark place to clearly shoot the background that is out of flash light.



Flash forced off

- Shooting distance (when [ISO] is set to [Auto])  
W side: Approx. 0.2 to 7.0 m (7 7/8 to 275 5/8 inches)  
T side: Approx. 0.5 to 3.8 m (19 3/4 to 149 5/8 inches)
- The flash strobes twice. The first time is to adjust the light quantity.

## Selecting the metering mode


You can select the metering mode that sets which part of the subject to measure to determine the exposure.



### Spot metering (M)


Metering is performed for only a part of the subject. This is convenient when the subject is backlit or when there is strong contrast between the subject and the background.

### Multi-pattern metering (No indicator)

This image is divided into multiple regions and metering is performed for each region. The camera determines a well-balanced exposure.


Before Step 2, set  (Camera) to other than [Auto]. → “*User's Guide/Troubleshooting*” (page 24)

Press  (M) on the control button. To cancel spot metering, press  again.




Spot metering cross hairs


Position the subject here.

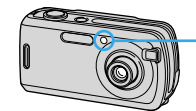
- When using spot metering, to focus on the metering position, setting  (Focus) to [Center AF] is recommended. → “*User's Guide/Troubleshooting*” (page 29)

## Using the self-timer

Before step 2, press  (T) on the control button.

Press the shutter button, the self-timer lamp flashes with counting sound until the shutter operates (approximately 10 seconds later).

To cancel, press  again.



Self-timer lamp

## If you shoot a still image of a subject that is difficult to focus on

- Make sure the subject is within range, not closer than the following distances:  
Setting all the way to the W side: Approx. 12 cm (4 3/4 inches)  
Setting all the way to the T side: Approx. 50 cm (19 3/4 inches)
- When the camera cannot focus on the subject automatically, the AE/AF lock indicator changes to flashing slowly and the beep does not sound. Recompose the shot and focus again.


Subjects difficult to focus on are:

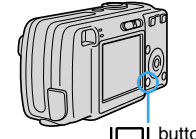
–Distant from the camera and dark	–Reflective or lustrous
–Poorly contrasted with the background	–Flashing
–Seen through glass	–Backlit
–Moving fast	

## To identify items on the screen

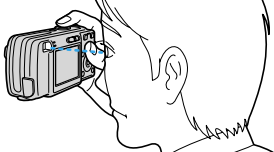
→ “*User's Guide/Troubleshooting*” (page 16)

## To turn off the LCD screen

Press  (Screen status) repeatedly. Use the finder for saving battery power, or shooting images when it is difficult to confirm images using the LCD screen.










Screen status button



## Scene Selection modes

The following modes are predetermined to match the scene conditions.


 <b>High sensitivity</b> Shoots without flash in low-light, reducing blur.	 <b>Soft snap</b> Shoots portraits of people, flowers, etc., with a gentle atmosphere.
 <b>Landscape</b> Shoots landscapes, etc., by focusing on a distant subject.	
 <b>Twilight*</b> Shoots night scenes at a distance without losing the dark atmosphere of the surroundings.	 <b>Beach</b> Shoots seascides or lakesides, the blue of the water clearly recorded.
 <b>Twilight portrait*</b> Shoots portraits in dark places.	 <b>Snow</b> Shoots whitish scenes brightly.


\*The shutter speed becomes slower, so using a tripod is recommended.



## To use the functions set by the control button with Scene Selection


Before shooting in step 5, select the settings with the control button. Some functions are not available, depending on the Scene Selection mode. When you press the button to select functions that cannot be combined with Scene Selection, a beep sounds. → “*User's Guide/Troubleshooting*” (page 25)

## To view an enlarged image (playback zoom)

Press  while displaying a still image.



To undo the zoom, press .



Adjust the portion:  / 


Cancel playback zoom: .

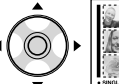
To store enlarged images: [Trimming] → “*User's Guide/Troubleshooting*” (page 41)

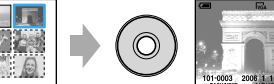
## Viewing an index screen

Press  (Index), then select an image with .








To return to the single-image screen, press . To display the next (previous) index screen, press .

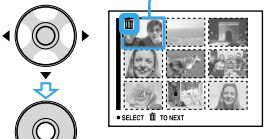









## To delete images in index mode



- While an index screen is displayed, press  /  (Delete) and select [Select] with  on the control button, then press .
- Select the image you want to delete with , then press  to display the  (Delete) indicator on the selected image.





Green frame



3 Press  /  (Delete).

4 Select [OK] with , then press .

- To delete all the images in the folder, select [All In This Folder] with  in step 1 instead of [Select], then press .